

$$\int 3x^2 dx = 6x$$

$$\exists x \forall y Rxy \rightarrow \forall x \exists y Rxy$$

$$e^{i\theta} = \cos\theta + i\sin\theta$$

Minor in Philosophy Focusing on Mathematics & Logic

Are you interested in mathematics? Do you like logic? Philosophers have pursued logic, and related it to the foundations of reasoning. Philosophers have also pondered questions concerning the foundations of mathematics and its logic. Do mathematical objects exist, in the same sense as physical objects? How is mathematics known? What makes it so certain? Why is mathematics necessary to understand just about any aspect of the world?

Consider a minor in philosophy. The requirements are simple: at least 12 credit hours (i.e., three courses) in philosophy courses numbered 2000 or above. At least 3 of those hours must be in philosophy courses numbered 3000 or above, and at least 3 of those hours must be in philosophy courses numbered 3300 or above. Philosophy 2367 does not count towards your minor Program, although it may be used for GE purposes.

There are many other combinations of courses possible and a minor can be tailored to your specific interests.

A sample program that would constitute a philosophy minor would consist of four of the following five courses:

Philosophy 2500: Symbolic Logic

Philosophy 3530: Philosophical Logic

Philosophy 5500: Advanced Symbolic Logic

Philosophy 5510: Non-classical logic

Philosophy 5530: Philosophy of Logic and Mathematics